

Title (en)

Lattices reinforcement, holder device therefor and heating installation containing them.

Title (de)

Gitterarmierung, Befestiger hierfür und damit ausgerüstete Heizungsanlage.

Title (fr)

Structure à treillis, agrafe-support utilisée avec cette structure et installation de chauffage les incorporant.

Publication

EP 0107558 A2 19840502 (FR)

Application

EP 83401953 A 19831006

Priority

- FR 8217709 A 19821022
- FR 8217710 A 19821022
- FR 8217711 A 19821022

Abstract (en)

1. Under-floor heating installation comprising a metal grid or mesh structure placed on a support surface (9) and a tube (13) placed above the structure, in which the heating fluid circulates, this tube (13) being secured to the structure by means of support clips (16), characterized in that the structure comprises, in addition to a first grid (6, 7) defining an upper plane, a second grid (2) defining a lower plane parallel to the upper plane formed by the first grid (6, 7), the two grids being rigidly connected to each other by linking elements (5), each support clip being fixed to bars of both grids.

Abstract (fr)

Structure à treillis. Elle comprend un treillis inférieur constitué de barres (1, 2) entrecroisées et un treillis supérieur constitué de barres (6, 7) entrecroisées. Les deux treillis sont reliés entre eux par des éléments de liaison (7). Application aux installations de chauffage de bâtiments par le sol.

IPC 1-7

E04C 5/06; F24D 3/00

IPC 8 full level

E04C 5/06 (2006.01); **E04C 5/20** (2006.01); **F24D 3/14** (2006.01)

CPC (source: EP)

E04C 5/06 (2013.01); **E04C 5/20** (2013.01); **F24D 3/141** (2013.01); **F24D 3/144** (2013.01); **Y02B 30/00** (2013.01)

Cited by

EP0592930A1; US5598682A; CN116085847A; FR2683885A1; CN108118834A; FR2714095A1; EP0733864A1; EP2260247B1

Designated contracting state (EPC)

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EP 0174670 A2 19860319; EP 0174670 A3 19860709; EP 0174670 B1 19880518; DE 3376859 D1 19880707; EP 0107558 A2 19840502; EP 0107558 A3 19840905; EP 0107558 B1 19880601

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EP 85113787 A 19831006; DE 3376859 T 19831006; EP 83401953 A 19831006